If you are using a printed copy of this procedure, and not the on-screen version, then you <u>MUST</u> make sure the dates at the bottom of the printed copy and the on-screen version match.

The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.

Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ

Training Office, Bldg. 911A.

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.120.6.a 6 O'Clock (PEER 7) Critical Device & Permit Link Tests

C-A-OPI	M Procedures in v	which this Attachmen	t is used.		
4.120.6					
Hand Processed Changes					
HPC No.	<u>Date</u>	Page Nos.	<u>Initials</u>		
	Approved:	Signature on F	<u>ile</u>		
	Collid	er-Accelerator Depar	tment Chairman		

V. Castillo

4.120.6.a 6 O'Clock (PEER 7) Critical Device & Permit Link Tests

PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:	Checksum:	
Division B Software Filename and Checksum: Title:	Checksum:	
Initial testing complete:		
Test Team Leader's Name (Print):	Life Number:	
Test Team Leader's Name (Sign):	Date: //	
Acceptance test procedure complete (following repairs and retesting if required)	:	
Test Team Leader's Name (Print):	Life Number:	
`		
Test Team Leader's Name (Sign):		
m 4 14 1 11		
<u>Test results reviewed by</u> :		
Safety Section Head's Name (Print):	_ Life Number:	
Safety Section Head's Name (Sign):	Date://	
Safety Section fread's Frame (Sign).	Date	
Test results accepted by Radiation Safety Committee:		
RSC Member's Name (Print):	Life Number:	
RSC Member's Name (Sign):	Date:/	

1.1	Setup to test the Critical Devices and Permit Link response to a loss of PASS enable.				
		SET VERIFY	CD Key switch for CD Key switch is set for	XY ARC XY ARC	
		PLACE VERIFY	Peer 7 in Mode 16 Peer 7 is in Controlled Access	MODE 16	
		VERIFY VERIFY	MCR sees RHIC Inj. CD on CD page MCR sees RHIC Injn CD inhibit Div A □ and Div B □	DISABLED ON	
		VERIFY VERIFY VERIFY	MCR sees RHIC ring CD, (B/S 1,2, & 3) on CD page MCR sees RHIC ring inhibit Div A □ and Div B □ (BS 1&2) MCR sees RHIC Reachback latch inhibit Div A □ and Div B □ (BS3)	DISABLED ON OFF	
		VERIFY	MCR sees RHIC Permit Link Div A \square and Div B \square	DISABLED	
		CLOSE RESET VERIFY	Peer 7 gates: XGI2, YGI2, 7GS1 Peer 7 gates: 5GS1, 5EL1, 5GE1, 5ED1, 6GE1, 6GE2, 6MD1, 6ED1, 6GE3, 6EL1, 6ED2 Peer 7 gates: □ 5GS1, □ 5EL1, □ 5GE1, □ 5ED1, □ 6GE1,	RESET	
		SWEEP VERIFY	□ 6GE2, □ 6MD1, □ 6ED1, □ 6GE3, □ 6EL1, □ 6ED2 are Peer 7 Zones: 5Z1, 6Z1, 6Z2 Peer 7 Zones: □ 5Z1, □ 6Z1, □ 6Z2 are	SWEPT	
		PLACE VERIFY	Peer 7 in Mode 24 Peer 7 is in No Access	MODE 24	
		VERIFY VERIFY	MCR sees RHIC Inj. CD on CD page MCR sees RHIC Injn CD inhibit Div A □ and Div B □	DISABLED OFF	
		SET VERIFY	RHIC Primary Beamstop command RHIC Primary Beamstop command is	OUT OUT	
		VERIFY VERIFY VERIFY	MCR sees RHIC ring CD, (B/S 1,2, & 3) MCR sees RHIC ring inhibit Div A □ and Div B □ (BS 1&2) MCR sees RHIC Reachback latch inhibit Div A □ and Div B □ (BS3)	DISABLED OFF OFF	
		VERIFY	MCR sees RHIC Permit Link Div A \square and Div B \square	ENABLED	
	•	Check for acce PASS enable.	ptance of Setup to test the Critical Devices and Permit Link response	to a loss of	
1.2	T	est of Critical l	Devices and Permit Link response to loss of PASS enable		
		VERIFY VERIFY	CD Key switch is set for Peer 7 is in No Access	XY ARC MODE 24	
		VERIFY VERIFY	MCR sees RHIC Inj. CD on CD page MCR sees RHIC Injn CD inhibit Div A □ and Div B □	DISABLED OFF	

		VERIFY	RHIC Primary Beamstop command is	OUT		
		VERIFY VERIFY VERIFY	MCR sees RHIC ring CD, (B/S 1,2, & 3) MCR sees RHIC ring inhibit Div A □ and Div B □ (BS 1&2) MCR sees RHIC Reachback latch inhibit Div A □ and Div B □ (BS3)	DISABLED OFF OFF		
		TURN OFF	Any key in the RHIC Key Tree			
		VERIFY	MCR sees Peer 7 go to	MODE 2		
		VERIFY VERIFY	MCR sees RHIC Inj. CD on CD page MCR sees RHIC Injn CD inhibit Div A □ and Div B □			
		VERIFY VERIFY VERIFY	MCR sees RHIC ring CD, (B/S 1,2, & 3) on CD page MCR sees RHIC ring inhibit Div A □ and Div B □ (BS 1&2) MCR sees RHIC Reachback latch inhibit Div A □ and Div B □ (BS3)	DISABLED ON OFF		
		PLACE VERIFY	Peer 7 in Mode 8 Peer 7 is in Restricted Access	MODE 8		
	C	Theck for accep	ptance of Test of Critical Devices and Permit Link response to loss of	PASS enable		
			END OF TEST PROCEDURE			
TTL: Sign for completion of initial testing:						
			Date://	<u>'</u>		
TTL: Sign for completion of final testing:						
			Date://	<u>'</u>		